

Comparisons of Job Characteristics

Focus Occupation: [Maintenance Workers, Machinery \(49-9043\)](#)

Associated Occupation: [Elevator Installers and Repairers \(47-4021\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Maintenance Workers, Machinery (49-9043)
Associated Occupation: Elevator Installers and Repairers (47-4021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	21.3	21.8	0	Current knowledge level may be sufficient
Building and Construction	4.0	17.7	10.3	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	17.4	2.5	<<	Extensive education and/or training may be required
Design	5.2	13.5	9.2	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	12.9	8.1	<<	Extensive education and/or training may be required
Physics	4.3	11.6	7.2	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Maintenance Workers, Machinery (49-9043)
Associated Occupation: Elevator Installers and Repairers (47-4021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Repairing	3.4	13.0	11.8	<	A higher skill level may be required
Troubleshooting	4.5	12.9	11.0	<	A higher skill level may be required
Equipment Maintenance	3.5	12.2	11.9	0	Current skill level may be sufficient
Operation Monitoring	6.6	11.4	11.9	0	Current skill level may be sufficient
Quality Control Analysis	5.9	11.2	10.0	<	A higher skill level may be required
Equipment Selection	3.3	10.8	8.5	<	A higher skill level may be required
Operation and Control	5.4	10.0	10.6	0	Current skill level may be sufficient

Installation	1.7	9.2	4.3	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities	Similarity of Focus Occupation to Associated Occupation: 93
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Focus Occupation: Maintenance Workers, Machinery (49-9043) Associated Occupation: Elevator Installers and Repairers (47-4021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Arm-Hand Steadiness	6.8	11.0	10.7	0	Current ability level may be sufficient
Finger Dexterity	7.6	10.3	9.4	0	Current ability level may be sufficient
Manual Dexterity	6.5	10.3	9.7	0	Current ability level may be sufficient
Visualization	7.5	10.2	10.0	0	Current ability level may be sufficient
Extent Flexibility	4.8	10.1	7.9	<	Some improvement in abilities may be required
Visual Color Discrimination	6.4	9.1	6.8	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	8.6	8.4	0	Current ability level may be sufficient
Depth Perception	5.3	8.5	7.9	0	Current ability level may be sufficient
Gross Body Equilibrium	3.2	8.1	4.4	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 77
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Focus Occupation: Maintenance Workers, Machinery (49-9043) Associated Occupation: Elevator Installers and Repairers (47-4021)	
Work Activities	Exclusivity of Activity
Fabricate, assemble, or disassemble manufactured products by hand	11
Inspect machinery or equipment to determine adjustments or repairs needed	42
Lubricate machinery, equipment, or parts	59
Maintain or repair industrial or related equipment/machinery	39
Move or fit heavy objects	8
Perform safety inspections in industrial, manufacturing or repair setting	32
Read work order, instructions, formulas, or processing charts	9
Test mechanical products or equipment	56
Understand service or repair manuals	40
Understand technical operating, service or repair manuals	6
Use acetylene welding/cutting torch	54
Use hand or power tools	2

Use pneumatic tools	66
Use precision measuring devices in mechanical repair work	61

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 80

Focus Occupation: Maintenance Workers, Machinery (49-9043)
Associated Occupation: Elevator Installers and Repairers (47-4021)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Dispensing tools	6
Fall protection	16
Forming tools	2
Holding and clamping tools	3
Industrial trucks	10
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Machinery for working wood and stone and ceramic and the like	12
Measuring and layout tools	3
Power tools	2
Rough and finishing tools	5
Soldering and brazing and welding machinery and supplies	6
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.